

Differential pressure gauge

Model: DP2

Applications

- For gaseous, liquid, particulates-containing, viscous and aggressive media
- Water and wastewater pressure control
- Monitoring and control of pump
- Level measurement in closed tank
- Filtration monitoring, level and flow measurement

Special features

- All welded media chamber
- Differential pressure measuring ranges from 0 ... 10 mbar to 60 bar
- Dry or liquid filled
- Flow measurement dial (optional)
- Optional solid front case

Description

- **Accuracy class** 1.6, 1% (option)
- **Pressure element** High range stainless steel 1.4571 (low range inconel)
Hastelloy, Monel, Tantalum(option)
- **Process connection** G 1/4 Stainless steel 316L & bottom
Hastelloy, Monel, Tantalum(option)
- **Window** Laminated safety glass Anti-glare & Anti-static
- **Permissible temperature** Ambient: -40 ... +60 °C without liquid filling
-20 ... +60 °C gauges with glycerine filling¹⁾
Medium: +100 °C
- **Movement** Stainless steel with stabilizer
- **Pointer** Aluminium, black
- **Dial** Aluminium, white, black lettering,
- **Protection** IP66
- **Range** 0...10 mbar to 0...60 bar



Max. working pressure, overpressure safety

Scale ranges	Max. working pressure in bar (static pressure)		Overpressure safety in bar either side max.	
	Standard	Optional	Standard	Optional
0 ... 16 to 0 ... 40 mbar	(2.5 bar)	(6 bar)	(2.5 bar)	-
0 ... 60 to 0 ... 250 mbar	(6 bar)	(10 bar)	(2.5 bar)	(6 bar)
0 ... 400 mbar	(25 bar)	(40 bar)	(4 bar)	(40 bar)
0...0.6 bar	(25 bar)	(40 bar)	(6 bar)	(40 bar)
0...1 bar	(25 bar)	(40 bar)	(10 bar)	(40 bar)
0...1.6 bar	(25 bar)	(40 bar)	(16 bar)	(40 bar)
0 ... 2.5 to 0 ... 40 bar	(40 bar)	(40 bar)	(25 bar)	(40 bar)
60 bar	(60 bar)	(60 bar)	(60 bar)	(60 bar)



DP 2 Differential Pressure Gauges

ORDERING CODE	Example:	DP2	4	T	2	L	S	AT	WA	Note
Dial Size/Model Code										
4 - 100mm(4")			4							
5 - 125mm(5")										
6 - 160mm(6")										
Process Connection Type										
T - Bottom				T						
B - Back										
Process Connection Sizes										
2 - 1/4 NPT					2					
4 - 1/4 G										
6 - Customer										
Case Design										
D - Dry										
L - Liquid fill						L				
Tube and Process Connection Material										
S - 316L Stainless steel							S			
M - Monel® 400										
H - Hastelloy										
C - Customer										
Accuracy										
AT - 1.6% (std.)								AT		
AC - 1%										
Options										
SC - Single scale										
DS - Dual scales										
YW - 316L Stainless steel case										
OS - Overload stop										
GF - Glycerin filling										
QC - Low temperature silicone fill for ambient temperature down to -94°F (-70°C), including Fluorosilicone sealing										
SH - Red set hand, stationary (dry case only)										
BF - Back flange for wall mounting										
MF - Front flange for panel mounting										
CC - Calibration certificate										
NH - Stainless steel tag wired to case										
AT - ATEX										
WA - One year warranty									WA	
NS - NACE MR 0175 & MR 0103 standard										
Other										





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